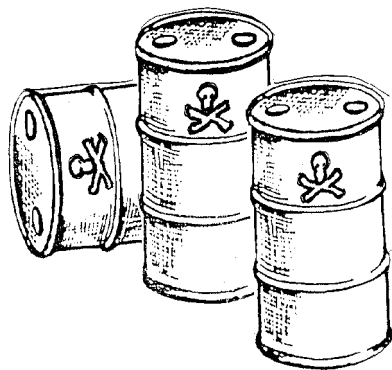


## PESTICIDE DISPOSAL IN DEVELOPING COUNTRIES



### A Training Module

*This course, designed for delivery on a regional basis, suggests decision-making techniques for countries and regions faced with the disposal of large quantities of obsolete or unwanted pesticides.*

The course teaches participants to:

- ◆ conduct and evaluate pesticide inventories
- ◆ select management and disposal options for bulk quantities
- ◆ dispose of empty containers
- ◆ protect workers entering storage sites
- ◆ stabilize and clean up storage sites
- ◆ develop a communication strategy
- ◆ prevent the build-up of unwanted stocks in the future.



### Objectives

The course objectives are to:

- ◆ introduce options for the disposal of bulk quantities of pesticides
- ◆ provide a basic technical, legal, and logistical framework
- ◆ develop national and regional disposal expertise
- ◆ provide guidance to avoid future pesticide disposal problems.

### Methods

There is heavy emphasis on participatory, small-group exercises and analyses, with limited formal lectures, plus an optional visit to a site with pesticides requiring disposal. The students also practice communication and briefing skills in class presentations. Resource materials are provided, including guidelines from the Food and Agriculture Organization (FAO) of the United Nations on disposal, storage, and prevention.

### Duration

The course consists of three days of lecture material and interactive learning, including the case study, presentation of country papers, and a discussion on opportunities for regional cooperation. The fourth day offers an optional visit to a storage site with unwanted pesticides.

## Participants

Ideally, participants will be a mix of senior-level decision-makers from the pesticide lead agency, technical experts tasked with disposing of unwanted pesticides, and representatives from industry, universities, environmental organizations and the media.

## Class Size

The ideal size is 21-25. Optimally, there would be three to four participants per country, with up to seven countries represented from the same region. This regional/skill mix is designed to facilitate the development of an informational “disposal” network.

## Facilities

The best facility is away from government offices so participants will not be interrupted by official duties. The course is best delivered in a large room with a U-shaped table and space for participants and observers. There should be two small break-out rooms, each with a conference table. Nearby housing, convenient luncheon facilities, and access to a photocopy machine are essential. As a site visit is important to the “hands-on” problem-solving of the course design, it is important to hold the course with reasonable access (up to a

two-hour

drive) to a typical storage area containing pesticides for disposal.

## Audiovisual Needs

One overhead projector, one slide projector, one television with video recorder, three flip chart stands and paper, magic markers, and tape are required.

## Translation and Interpretation

The FAO background documents are available in English, Spanish, French and Arabic. Ideally, these should be translated in advance by the requesting country into the language of the participants. At a minimum, the case study and lecture overheads must be translated well in advance of the course, and copies provided to participants at the start of the course. If the course is to be delivered in a language other than English, interpreters are required for consecutive or simultaneous interpretation during the lectures and in the three small groups.

## Funding

Countries requesting this module must find funding to cover all costs, including the trainers’ travel. EPA provides the

trainers and resource documents. In some cases, funding is available through the U.S.-Asia Environmental Partnership or other programs of the U.S. Agency for International Development (USAID); through cooperative arrangements with international organizations; or on a bilateral basis arranged by the country requesting the training. The host organization is responsible for all costs associated with translation, interpretation, photocopying, and logistics, including travel and other costs incurred by participants.

## For More Information

This course is one of many offered by EPA to other countries. For general information on this or other international training modules offered by EPA, contact Orlando Gonzalez at:

Office of International Activities  
401 M Street, SW (2671RR)  
Washington, DC 20460  
Tel # 202-564-6446  
Fax # 202-565-2411  
e-mail: [gonzalez.orlando@epa.gov](mailto:gonzalez.orlando@epa.gov)

For technical information on the course, contact [andreasen.jude@epa.gov](mailto:andreasen.jude@epa.gov)  
Tel # 703 308 9342  
Fax # 703 308 3259

You may also check the EPA web site at <http://www.epa.gov/oia/modules.htm>